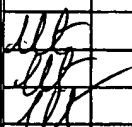
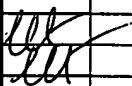
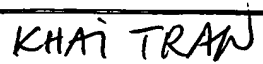


<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (PTO-1449)				<b>ATTY. DOCKET NO.</b> 52637-0031		<b>SERIAL NO.</b> 10/057,082	
				<b>APPLICANT:</b> Andrew STORM			
				<b>FILING DATE:</b> January 25, 2002		<b>GROUP:</b> 2631	
<b>U.S. PATENT DOCUMENTS</b>							
Exam. Initial <sup>o</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code <sup>2</sup> (If known)				
		5,822,374		Levin	10/13/1998		
		6,128,348		Kao, et al.	10/02/2000		
		5,903,608		Chun	05/11/1999		

<b>FOREIGN PATENT DOCUMENTS</b>								
Exam. Initial <sup>o</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
		WO	99 16224	A1	Telefonaktiebolaget LM Ericsson	04/01/1999		
		EP	0 753 948	A1	Alcatel Bell	01/15/1997		

<b>Examiner Signature</b> 	<b>Date Considered</b> 8/25/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 52637-0031	Application Number: 10/057,082
		First Named Inventor:  Andrew STORM	
		Filing Date:  January 25, 2002	
<b>OTHER ART - NO PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
ut		"A Practical Discrete Multitone Transceiver Loading Algorithm for Data Transmission over Spectrally Shaped Channels", Peter S. Chow, John M. Cioffi and John A.C. Bingham, IEEE Transactions on Communications, Feb/Apr 1995, vol. 43, no. 2/4, part 2, pg 773-775	
ut		PCT/US 02/02299 International Search Report, 07/23/2002	
ut		PCT/US 02/02294 International Search Report 07/23/2002	
		<b>RECEIVED</b>	
		AUG 1 5 2002	
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